

Customer No.: 31561
Application No.: 10/604,541
Docket NO.: 10690-US-PA

In The Claims:

Claim 1-6 (canceled)

Claim 7. (original) A light emitting diode array illuminant, comprising:

a folded FPC plate, comprising a first join area, a second join area, and a bending area, which is connected to the first join area and the second join area, wherein the first join area comprises a plurality set of first contacts, and the second join area comprises a plurality set of second contacts; and

a plurality of light emitting diodes, disposed on the first join area and the second join area, wherein the light emitting diodes are electrically connected to the sets of first contacts and the sets of second contacts, and the illuminant provided by the light emitting diodes emits a light from a side of the folded FPC plate.

Claim 8. (canceled)

Claim 9. (original) The light emitting diode array illuminant of claim 7, wherein the light emitting diodes electrically connected to the sets of first contacts and the light emitting diodes electrically connected to the sets of second contacts are symmetrically disposed with each other or interleaved disposed.

Claim 10. (original) A backlight module, comprising:

a light guide panel, comprising a light incident surface, a light emitting surface, and a light dispersing surface; and

a light emitting diode array illuminant, disposed beside the light incident surface of the light guide panel, comprising:

a carrier, wherein the carrier comprises a front surface and a back surface,

Customer No.: 31561
Application No.: 10/604,541
Docket NO.: 10690-US-PA

and a plurality set of contacts are disposed on the front surface and the back surface of the carrier; and

a plurality of light emitting diodes, disposed on the carrier, wherein the light emitting diodes are electrically connected to the sets of contacts, respectively, and the illuminant provided by the light emitting diodes emits a light from a side of the carrier.

Claim 11. (original) The backlight module of claim 10, wherein the carrier comprises a Printed Circuit Board (PCB).

Claim 12. (original) The backlight module of claim 10, wherein the carrier comprises a flexible printed circuit (FPC) plate.

Claim 13. (original) The backlight module of claim 12, further comprising a carrier, wherein the FPC plate is either a single layer FPC plate or a multi-layer FPC plate.

Claim 14. (canceled)

Claim 15. (original) The backlight module of claim 10, wherein the light emitting diodes are symmetrically disposed with each other or interleaved disposed.

Claim 16. (original) The backlight module of claim 10, further comprising a reflective panel, wherein the reflective panel is disposed on the light dispersing surface.

Claim 17. (original) A backlight module, comprising:

a light guide panel, comprising a light incident surface, a light emitting surface, and a light dispersing surface; and

a light emitting diode array illuminant, disposed beside the light incident surface of the light guide panel, comprising:

a folded FPC plate, comprising a first join area, a second join area, and a

Customer No.: 31561
Application No.: 10/604,541
Docket NO.: 10690-US-PA

bending area, which is connected to the first join area and the second join area, wherein the first join area comprises a plurality set of first contacts, and the second join area comprises a plurality set of second contacts; and

a plurality of light emitting diodes, disposed on the first join area and the second join area, wherein the light emitting diodes are electrically connected to the sets of first contacts and the sets of second contacts, and the illuminant provided by the light emitting diodes emits a light from a side of the folded FPC plate.

Claim 18. (canceled)

Claim 19. (original) The backlight module of claim 17, wherein the light emitting diodes electrically connected to the sets of first contacts and the light emitting diodes electrically connected to the sets of second contacts are symmetrically disposed with each other or interleaved disposed.

Claim 20. (original) The backlight module of claim 17, further comprising a reflective panel, wherein the reflective panel is disposed on the light dispersing surface.